



VSMP – Virginia Stormwater Management Program

Overview

Effective July 1, 2014, the Chesterfield County government will become the Virginia Stormwater Management Program (VSMP) authority for our jurisdiction. The State will maintain oversight to ensure that all applicable state regulations are applied and enforced. This oversight responsibility now lies with the Virginia Department of Environmental Quality.

The County is required to submit an approved Stormwater Management Ordinance, by June 30, 2014, that is consistent with the requirements of the VSMP regulations. DEQ has reviewed the Department of Environmental Engineering's Stormwater Ordinance and found that it meets all the requirements of the VSMP regulations. The Board of Supervisors adopted the ordinance on April 9, 2014, with an effective date of July 1, 2014. The Stormwater Ordinance includes a fee schedule that was taken directly from the Virginia Stormwater Management Act regulations. This fee schedule will support the additional plan review, inspection and administration requirements of the VSMP regulations.

Chesterfield County will ensure that land disturbing activities comply with its Stormwater Management Ordinance, the Virginia Stormwater Management Act and associated regulations (i.e. Chesapeake Bay Act etc.). These regulations provide for the control of stormwater from development sites, both during construction and in the long-term, after construction is complete. The County program will:

- Review and approve Stormwater Pollution Prevention Plans (SWPPP) which consists of:
 - Erosion & Sediment Control Plan
 - Stormwater Management Plan
 - Additional control measures for local stream TMDL's
 - Pollution Prevention Plan – includes controls for chemicals, gasoline, diesel, trash, etc. on construction sites.
- Review, approve and process registration statements for the VSMP permit from DEQ
- Inspect construction sites to ensure activities conform to the approved SWPPP
- Enforce the provisions of the Stormwater Management ordinance
- Oversee a maintenance program that ensures the post development long-term maintenance of stormwater BMPs.

The following table lists some of the more significant technical changes to calculating stormwater pollutants.

| Stormwater Technical Criteria Changes | | |
|--|--------------------------------|--|
| | Old Regulation | New Regulation |
| Land use | Impervious surfaces only | Impervious surface, managed turf, open space, forest |
| Rainfall Event | 0.5 inch of runoff | 1-inch from entire site |
| Design criteria | 0.45 lbs/acre/yr of Phosphorus | 0.41 lbs/acre/yr of Phosphorus |
| Redevelopment criteria | 10% Reduction of Phosphorus | < 1 acre = 10% Reduction > 1 acre = 20% reduction |